



Box 509

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: Gil M. VARDI et al.  
Title: Stent With Protruding Branch Portion For Bifurcated Vessels  
Appln. No.: 10/644,550  
Filed: 08/21/2003  
Examiner: Not Yet Assigned  
Art Unit: 3731

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In accordance with 37 C.F.R. § 1.56, the attention of the Patent and Trademark Office is directed to the cited references listed on the attached PTO/SB/08.

Many of the cited references were previously cited in the parent applications. In accordance with 37 C.F.R. 1.98(d), no copies of these references are submitted herewith.

The following listed United States patents and published patent applications are listed on the attached PTO/SB/08 but were not cited in the parent applications. Copies of the following United States patents and publications are not enclosed:

U.S. Pat. No. 3,657,744; Ersek	U.S. Pat. No. 4,309,994; Grunwald
U.S. Pat. No. 4,453,545; Inoue	U.S. Pat. No. 4,731,055; Melinyshyn
U.S. Pat. No. 4,819,664; Nazari	U.S. Pat. No. 4,878,495; Grayzel
U.S. Pat. No. 4,906,244; Pinchuk	U.S. Pat. No. 4,909,258; Kuntz
U.S. Pat. No. 5,059,177; Towne	U.S. Pat. No. 5,102,417; Palmaz
U.S. Pat. No. 5,117,831; Jang	U.S. Pat. No. 5,135,536; Hillstead

U.S. Pat. No. 5,159,920; Condon	U.S. Pat. No. 5,176,617; Fischell
U.S. Pat. No. 5,257,974; Cox	U.S. Pat. No. 6,263,932; Jang
U.S. Pat. No. 5,282,472; Companion	U.S. Pat. No. 5,324,257; Osborne
U.S. Pat. No. 5,338,300; Cox	U.S. Pat. No. 5,342,297; Jang
U.S. Pat. No. 5,383,892; Ansel	U.S. Pat. No. 5,395,332; Ressemann
U.S. Pat. No. 5,395,334; Keith	U.S. Pat. No. 5,413,581; Goy
U.S. Pat. No. 5,449,382; Dayton	U.S. Pat. No. 5,456,694; Marin
U.S. Pat. No. 5,505,702; Arney	U.S. Pat. No. 5,549,553; Ressemann
U.S. Pat. No. 5,549,554; Miraki	U.S. Pat. No. 5,562,620; Klein
U.S. Pat. No. 5,571,087; Ressemann	U.S. Pat. No. 5,575,771; Walinsky
U.S. Pat. No. 5,591,228; Edoga	U.S. Pat. No. 5,609,625; Piplani
U.S. Pat. No. 5,609,629; Fearnot	U.S. Pat. No. 5,613,949; Miraki
U.S. Pat. No. 5,626,600; Horzewski	U.S. Pat. No. 5,632,772; Alcime
U.S. Pat. No. 5,662,614; Edoga	U.S. Pat. No. 5,679,400; Tuch
U.S. Pat. No. 5,690,642; Osborne	U.S. Pat. No. 5,718,683; Ressemann
U.S. Pat. No. 5,724,977; Yock	U.S. Pat. No. 5,746,766; Edoga
U.S. Pat. No. 5,749,848; Jang	U.S. Pat. No. 5,776,101; Goy
U.S. Pat. No. 5,800,450; Lary	U.S. Pat. No. 5,814,061; Osborne
U.S. Pat. No. 5,817,126; Imran	U.S. Pat. No. 5,824,008; Bolduc
U.S. Pat. No. 5,833,650; Imran	U.S. Pat. No. 5,837,008; Berg
U.S. Pat. No. 5,843,160; Rhodes	U.S. Pat. No. 5,843,164; Frantzen
U.S. Pat. No. 5,846,204; Solomon	U.S. Pat. No. 5,855,600; Alt
U.S. Pat. No. 5,871,537; Holman	U.S. Pat. No. 5,891,133; Murphy-Chutorian
U.S. Pat. No. 5,921,958; Ressemann	U.S. Pat. No. 5,928,248; Acker
U.S. Pat. No. 5,948,016; Jang	U.S. Pat. No. 5,951,599; McCrory
U.S. Pat. No. 5,967,986; Cimochoowski	U.S. Pat. No. 6,007,517; Anderson
U.S. Pat. No. 6,013,054; Juin Yan	U.S. Pat. No. 6,033,434; Borghi
U.S. Pat. No. 6,045,557; White	U.S. Pat. No. 6,059,823; Holman
U.S. Pat. No. 6,059,824; Taheri	U.S. Pat. No. 6,071,285; Lashinski

U.S. Pat. No. 6,090,128; Douglas	U.S. Pat. No. 6,142,973; Carleton
U.S. Pat. No. 6,165,197; Yock	U.S. Pat. No. 6,190,403; Fischell
U.S. Pat. No. 6,210,429; Vardi	U.S. Pat. No. 6,231,598; Berry
U.S. Pat. No. 6,231,600; Zhong	U.S. Pat. No. 6,235,051; Murphy
U.S. Pat. No. 6,241,762; Shanley	U.S. Pat. No. 6,258,121; Yang
U.S. Pat. No. 6,273,913; Wright	U.S. Pat. No. 6,293,967; Shanley
U.S. Pat. No. 6,299,634; Bergeron	U.S. Pat. No. 6,309,414; Rolando
U.S. Pat. No. 6,312,459; Huang	U.S. Pat. No. 6,325,826; Vardi
U.S. Pat. No. 6,383,215; Sass	U.S. Pat. No. 6,395,018; Castaneda
U.S. Pat. No. 6,398,792; O'Connor	U.S. Pat. No. 6,527,799; Shanley
U.S. Pat. No. 6,572,647; Supper	U.S. Pat. No. 6,599,316; Vardi
U.S. Appl. 2001/0027338; Greenberg	U.S. Appl. 2002/0013619; Shanley
U.S. Appl. 2002/0042650; Vardi	U.S. Appl. 2002/0052648; McGuckin
U.S. Appl. 2002/0072790; McGuckin	U.S. Appl. 2002/0111675; Wilson
U.S. Appl. 2002/0151959; Von Oepen	U.S. Appl. 2002/0156516; Vardi
U.S. Appl. 2002/0156517; Perouse	U.S. Appl. 2002/0165604; Shanley
U.S. Appl. 2002/017835; Bourang	U.S. Appl. 2002/0193872; Trout
U.S. Appl. 2003/0009214; Shanley	U.S. Appl. 2003/0014102; Hong
U.S. Appl. 2003/0125799; Limon	U.S. Appl. 2004/0015227; Vardi

The following listed foreign references are listed on the attached PTO/SB/08 but were not submitted in a parent application. Accordingly, copies of the following foreign references are submitted herewith on the attached CD-Rom:

CA 2,318,314; 07/22/1999	EP 684022; 11/24/1995
EP 884028; 12/16/1998	EP 891751; 01/20/1999
EP897698; 02/24/1999	WO 00/74595; 12/14/2000

WO 01/21095; 03/29/2001	WO 01/21109; 03/29/2001
WO 01/21244; 03/29/2001	WO 01/70299; 09/27/2001
WO 02/68012; 09/06/2002	WO 02/76333; 10/03/2002
WO 02/94336; 11/28/2002	WO 03/55414; 07/10/2003
WO 90/13332; 11/15/1990	WO 91/12779; 09/05/1991
WO 95/21592; 08/17/1995	WO 97/09946; 03/20/1997
WO 97/16217; 05/09/1997	WO 97/26936; 07/31/1997
WO 97/41803; 11/13/1997	WO 98/19628; 05/14/1998
WO 98/37833; 09/03/1998	WO 99/34749; 07/15/1999
WO 99/36002; 07/22/1999	WO 99/58059; 11/18/1999

The following listed articles are listed on the attached PTO/SB/08 but were not submitted in a parent application. Accordingly, copies of the following articles are submitted herewith on the attached CD-Rom:

Dichek, et al.; <i>Circulation</i> , 80: 1347-1353 (1989)
Chevalier, et al.; <i>American Journal of Cardiology</i> , 82: 943-949 (1998)
Yamashita, et al.; <i>Journal of American College of Cardiology</i> , 35: 1145-1151 (2000)
Satler, et al.; <i>Catheterization and Cardiovascular Interventions</i> , 50: 411-412 (2000)

No representation is made or intended that more relevant information does not exist or that the order of presentation of the references in any way reflects their relative

pertinence. Additionally, submission of references herewith in no way constitutes an admission by Applicants that the submitted references constitute prior art to the present application.


Applicants respectfully request that each of the cited references be expressly considered during the prosecution of this application and that the cited references be made of record therein and appear among the "References Cited" on any patent to issue therefrom.

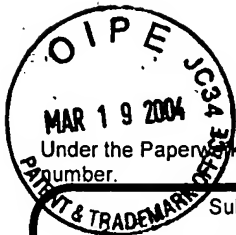
This Information Disclosure Statement is being submitted more than three months from the filing of the application but before the issuance of the first Office Action on the merits. No fees are believed to be due, however, the Commissioner is hereby authorized to charge any additional fees which may be required regarding this application under 37 C.F.R. §§ 1.16-1.17, or credit any overpayment, to Deposit Account No. 50-2228.

Respectfully submitted,

3.19.04  
Date

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Michele Van Patten Frank  
Registration No. 37,028



MODIFIED PTO/SB/08 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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Substitute for form 1449B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Date Submitted: March 19, 2004

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/644,550
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First Named Inventor	Gil M. VARDI et al.
Group Art Unit	3731
Examiner Name	Not Yet Assigned
Attorney Docket Number	021617.0253PTUS

Sheet 1 of 12

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		1,596,754		J.D. MOSCHELLE	08/17/1926	
		3,657,744		ERSEK	04/25/1972	
		3,872,893		ROBERTS	03/25/1975	
		4,140,126		CHOUDHURY	02/20/1979	
		4,309,994		GRUNWALD	01/12/1982	
		4,410,476		REDDING et al.	10/18/1983	
		4,413,989		SCHJELDAHL	11/08/1983	
		4,421,810		RASMUSSEN	12/20/1983	
		4,453,545		INOUE	06/12/1984	
		4,503,569		DOTTER	03/12/1985	
		4,552,554		GOULD et al.	11/12/1985	
		4,681,570		DALTON	07/21/1987	
		4,689,174		LUPKE	08/25/1987	
		4,731,055		MELINYSHYN et al.	03/15/1988	
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		4,762,128		ROSENBLUTH	12/22/1998	
		4,769,029		PATEL	09/06/1988	
		4,819,664		NAZARI	04/11/1989	
		4,872,874		TAHERI	10/10/1989	
		4,878,495		GRAYZEL	11/07/1989	
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		4,906,244		PINCHUK et al.	03/06/1990	
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		5,061,240		CHERIAN	10/29/1991	
		5,064,435		PORTER	11/12/1991	
		5,102,403		ALT	04/07/1992	
		5,102,417		PALMAZ	04/07/1992	

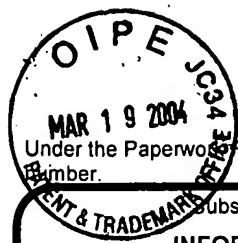
Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Date Submitted: March 19, 2004

(use as many sheets as necessary)

**Complete if Known**

Application Number	10/644,550
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First Named Inventor	Gil M. VARDI et al.
Group Art Unit	3731
Examiner Name	Not Yet Assigned
Attorney Docket Number	021617.0253PTUS

Sheet 2 of 12

**U.S. PATENT DOCUMENTS**

U.S. Patent Document				
5,104,404		WOLFF	04/14/1992	
5,117,831		JANG	06/02/1992	
5,122,125		DEUSS	06/16/1992	
5,135,536		HILLSTEAD	08/04/1992	
5,147,317		SHANK et al.	09/15/1992	
5,159,920		CONDON ET AL.	11/03/1992	
5,176,617		FISCHELL et al.	01/05/1993	
5,192,297		HULL	03/09/1993	
5,217,440		FRASSICA	06/08/1993	
5,254,619		BURNHAM	09/14/1993	
5,257,974		COX	11/02/1993	
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5,282,472		COMPANION et al.	02/01/1994	
5,304,220		MAGINOT	04/19/1994	
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5,417,208		WINKLER	05/23/1995	
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5,456,714		OWEN	10/10/1995	
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5,462,530		G. DAVID JANG	10/31/1995	

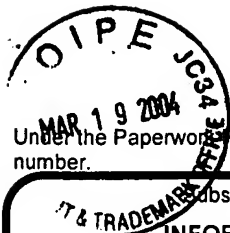
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Date Submitted: <u>March 19, 2004</u> (use as many sheets as necessary)				<b>Complete if Known</b>	
				<b>Application Number</b>	10/644,550
Sheet <u>3</u> of <u>12</u>				<b>Filing Date</b>	August 21, 2003
				<b>First Named Inventor</b>	Gil M. VARDI et al.
				<b>Group Art Unit</b>	3731
				<b>Examiner Name</b>	Not Yet Assigned
				<b>Attorney Docket Number</b>	021617.0253PTUS

### U.S. PATENT DOCUMENTS

U.S. Patent Document				
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5,662,614		EDOGA	09/02/1997	

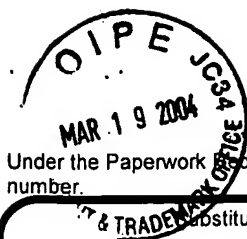
Examiner Signature		Date Considered	
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U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

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			<b>Examiner Name</b>	Not Yet Assigned	
			<b>Attorney Docket Number</b>	021617.0253PTUS	
Sheet	4	of	12		

### U.S. PATENT DOCUMENTS

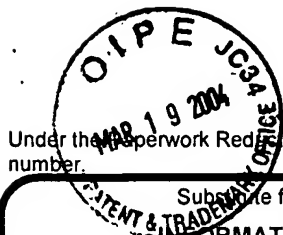
U.S. Patent Document				
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Application Number	10/644,550
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Group Art Unit	3731
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Attorney Docket Number	021617.0253PTUS

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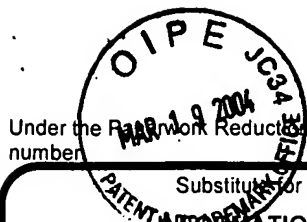
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		First Named Inventor	Gil M. VARDI et al.
		Group Art Unit	3731
		Examiner Name	Not Yet Assigned
Attorney Docket Number	021617.0253PTUS		
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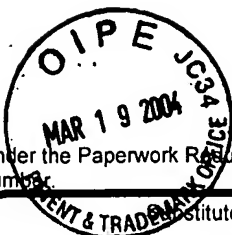
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Group Art Unit	3731
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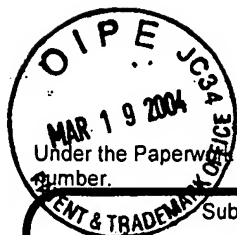
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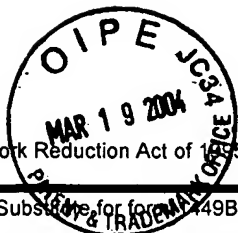
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Substitute for form PTO 449B/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Date Submitted: <u>March 19, 2004</u> (use as many sheets as necessary)		<b>Complete if Known</b>	
		Application Number	10/644,550
		Filing Date	August 21, 2003
		First Named Inventor	Gil M. VARDI et al.
		Group Art Unit	3731
		Examiner Name	Not Yet Assigned
		Attorney Docket Number	021617.0253PTUS

Sheet 10 of 12

### FOREIGN PATENT DOCUMENTS

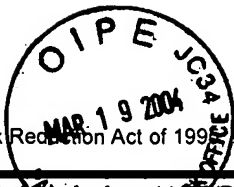
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
			EP 876805			11/11/1998		
			EP 884028			12/16/1998		
			EP 891751			01/20/1999		
			EP 897698			02/24/1999		
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			WO 97/45073			12/04/1997		
			WO 98/17204			04/30/1998		
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			WO 99/39661			08/12/1999		
			WO 99/58059			11/18/1999		

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**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Date Submitted: March 19, 2004

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**Complete if Known**

Application Number	10/644,550
Filing Date	August 21, 2003
First Named Inventor	Gil M. VARDI et al.
Group Art Unit	3731
Examiner Name	Not Yet Assigned
Attorney Docket Number	021617.0253PTUS

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		Office <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)				
			WO 99/65419			12/23/1999		

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
		Serruys et al., <i>The New England Journal of Medicine</i> , Vol. 331, No. 8, pp. 489-495 (1994).	
		Fischmann et al., <i>The New England Journal of Medicine</i> , Vol. 331, No. 8, pp. 496-501 (1994).	
		Nakamura et al., <i>Catheterization &amp; Cardiovascular Diagnosis</i> 34-353-361 (1995)	
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		SCIMED Life Systems, Inc. - TRIO™ 14 PTCA Catheter, Re-engineering Over-the-Wire Balloon Technology, Company Brochure, ©1994.	
		Lewis et al., <i>American Heart Journal</i> , Vol. 127, pages 1600-1607 (1994)	
		Dichek, D.A. et al.; <i>Circulation</i> , 80: 1347-1353 (1989)	

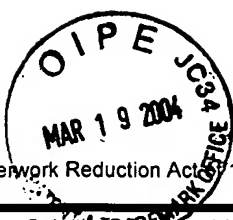
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Sheet	12	of	12

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		Chevalier, B. et al.; <i>American Journal of Cardiology</i> , 82: 943-949 (1998)	
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		Satler, S., et al.; <i>Catheterization and Cardiovascular Interventions</i> , 50: 411-412 (2000)	

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